

## ABSTRACT OF THE DISCLOSURE

The invention provides a method of capturing the ribo-nucleic acid (RNA) specific to the West Nile Virus (WNV); specifically it relates to the target sequences within the WNV genome that can be used to capture the specific RNA material for identification and/or provide target regions for the use of specific probes that inhibit the reproduction of the WNV in vivo, in the form of a gene therapy drug.